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 TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/823,218
	Filing Date	April 13, 2004
	First Named Inventor	Roger E. MARCHANT
	Art Unit	3681
	Examiner Name	not yet assigned
	Attorney Docket Number	26526-15
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO-1449 w/ 4 references; Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Todd L. Sladek BENESCH, FRIEDLANDER, COPLAN & ARONOFF LLP		
Signature	<i>Todd L. Sladek</i>		
Date	August 24, 2004		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Nancy L. Wasikowski		
Signature	<i>Nancy L. Wasikowski</i>	Date	August 24, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE U.S. DIVISIONAL
PATENT APPLICATION OF

: MARCHANT, et al.

FOR

: **METHODS OF MAKING AND USING
SURFACTANT POLYMERS**

SERIAL NO.

: 10/823,218

FILED

: April 13, 2004

ART UNIT

: 3681

CONFIRMATION NO.

: 4659

ATTORNEY DOCKET NO.

: 26526.15

Cleveland, Ohio 44114
August 24, 2004

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Examiner:

1. This Information Disclosure Statement is filed in accordance with 36 C.F.R. §§§ 1.56, 1.97 and 1.98. The items listed on the enclosed Form PTO/SB/08A may be deemed to be pertinent to the above-referenced application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

2. Pursuant to 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made.

3. Pursuant to 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed as an admission that the information cited in this Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

4. Pursuant to 37 C.F.R. § 1.97(b) this Statement is being filed:

- ☐ within 3 months of the filing date of a national application; or
- ☐ within 3 months of the date of the entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or
- ☒ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114 .

The Commissioner is hereby authorized to charge any additional fees required for consideration of this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 02-2051, identifying our Docket No. 26526-15.

Respectfully submitted,

DATED: August 24, 2004

By: Todd L. Sladek
Todd L. Sladek
Reg. No. 53,768

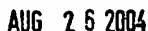
**BENESCH, FRIEDLANDER,
COPLAN & ARONOFF, LLP**
2300 BP Tower
200 Public Square
Cleveland, Ohio 44114-2378
(216) 363-4491

CERTIFICATE OF MAILING

Date of Deposit: **August 24, 2004**

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Nancy L. Wasikowski
Nancy L. Wasikowski



Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/823,218
Filing Date	April 13, 2004
First Named Inventor	Roger E. MARCHANT
Art Unit	3681
Examiner Name	Not yet assigned
Attorney Docket Number	26526.15

Sheet	1	of	2
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[illegible][illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/823,218
				Filing Date	April 13, 2004
				First Named Inventor	Roger E. MARCHANT
				Art Unit	3681
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	26526.15

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BA	"Biosynthetic Surfactants: Novel Biomimetic Surface Modifications for Biomedical Deposit Resistance" by Marchant et al., American Chemical Society Conference, September 1997.	
	BB	"Novel Nonionic Oligosaccharide Surfactant Polymers Derived from Poly(vinylamine) with Pendant Dextran and Hexanoyl Groups" by Qiu, et al., Macromolecules, 1998, 31, pp.165-171	
	BC	"Biomimetic engineering of non-adhesive glycocalyx-like surfaces using oligosaccharide surfactant polymers" by Holland, et al. Nature, Vol. 392, April 23, 1998, pp. 799-801.	
	BD	"Integrin-Dependent Interaction of Human Vascular Endothelial Cells on Biomimetic Peptide Surfactant Polymers" by Murugesan et al., Cell Communication and Adhesion,	
		Vol. 9, No. 2, pp. 59-73, 2002.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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